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<b>5992</b> <b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> <small>For new nonprovisional applications under 37 C.F.R. §1.53(b)</small>	Attorney Docket No.	706570US2
	First Inventor or Application Identifier	Zhijian James Wu, Michel Trumbo, Yijun Tu, John G. Haffield, Jyh-Laing L. Lin, James H. Karlet, Dean R. Marshall, Brad Schoeff
	Title	Vehicular Battery Temperature Estimation
	Express Mail Label No.	EV 026309559 US as deposited on: <i>1/8/04</i>
<b>APPLICATION ELEMENTS</b> See MPEP Chapter 600 concerning utility patent application contents.		ADDRESS TO: MS Patent Application Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

1.  \*Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 14] (preferred arrangement set forth below)  
 -Descriptive title of the Invention  
 -Cross References to Related Applications  
 -Statement Regarding Fed Sponsored R&D  
 -Reference to Microfiche Appendix  
 -Background of the Invention  
 -Brief Summary of the Invention  
 -Brief Description of the Drawings (if filed)  
 -Detailed Description  
 -Claims(s)  
 -Abstract of the Disclosure
- 2A.  Preliminary Amendment: Please insert the following sentence prior to the first line of the specification of the application:  
This application claims the benefit of U.S. Provisional Application Serial No. 60/507,997, filed October 2, 2003.
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. Oath or Declaration [Total Pages 6]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 C.F.R. § 1.63 (d))  
(for continuation/divisional with Box 16 completed)  
 i.  DELETION OF INVENTOR(S)  
  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 C.F.R.  
§ 1.63(d)(2) and 1.33 (b).

\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a **CONTINUING APPLICATION**, Check appropriate box, and supply the requisite information below and in a preliminary amendment:  
 Continuation    Divisional    Continuation-in-part (CIP)    Claims Benefit of Provisional Application of prior application No. \_\_\_\_\_

Prior application information: Filing Date: \_\_\_\_\_ Examiner: \_\_\_\_\_

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label **24938** or  Correspondence address below  
(Insert Customer No. or Attach bar code label here.)

Name	Edwin W Bacon Jr. DaimlerChrysler Intellectual Capital Corporation				
Address	CIMS 483-02-19 800 Chrysler Drive East				
City	Auburn Hills	State	Michigan	Zip Code	48326-2757
Country	United States	Telephone	(248) 944-6526	Fax	(248) 944-6537

Name (Print or Type)	Edwin W Bacon Jr.	Registration No.	39,098
Signature	<i>[Signature]</i>		Date <i>1/8/04</i>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

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# FEE TRANSMITTAL

## For FY 2001

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 770)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Zhijian James Wu
Examiner Name	
Group / Art Unit	
Attorney Docket No.	706570US2

## METHOD OF PAYMENT (check one)

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

03-1800

Deposit Account Name

DaimlerChrysler Intellectual Capital Corporation

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

- Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001	770	2001 385 Utility filing fee	770
1002	340	2002 170 Design filing fee	
1003	530	2003 265 Plant filing fee	
1004	770	2004 385 Reissue filing fee	
1005	160	2005 80 Provisional filing fee	
SUBTOTAL (1)			770

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claim	Fee from below	Fee Paid
14	-20** = 0	X 0 = 0	0
Independent Claims	1 - 3** = 0	X 0 = 0	0
Multiple Dependent **or number previously paid, if greater; For Reissues, see below		0 = 0	

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 0)		

## SUBMITTED BY

Typed or Printed Name	Complete (if applicable)		
Edwin W Bacon Jr.	Reg. Number	39,098	
Signature	Date	1/8/04	Deposit Account User ID

## FEE CALCULATION (continued)

3. ADDITIONAL FEES				
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	
105	130	205 65 Surcharge-late filing fee or oath		
127	50	227 25 Surcharge-late provisional filing fee or cover sheet		
139	130	139 130 Non-English specification		
147	2,520	147 2,520 For filing a request for examination		
112	920*	112 920* Requesting publication of SIR prior to Examiner action		
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		
115	110	215 55 Extension for reply within first month		
116	390	216 195 Extension for reply within second month		
117	890	217 445 Extension for reply within third month		
118	1,390	218 695 Extension for reply within fourth month		
128	1,890	228 945 Extension for reply within fifth month		
119	310	219 155 Notice of Appeal		
120	310	220 155 Filing a brief in support of an appeal		
121	270	221 135 Request for oral hearing		
138	1,510	138 1,510 Petition to institute a public use proceeding		
140	110	240 55 Petition to revive – unavoidable		
141	1,240	241 620 Petition to revive – unintentional		
142	1,240	242 620 Utility issue fee (or reissue)		
143	440	243 220 Design issue fee		
144	600	244 300 Plant issue fee		
122	130	122 130 Petitions to the Commissioner		
123	50	123 50 Petitions related to provisional applications		
126	180	126 180 Submission of Information Discl. Stmt.		
581	40	581 40 Recording of each patent assignment per property (times number of properties)		
146	710	246 355 Filing a submission after final rejection (37 CFR 1.129(a))		
149	710	249 355 For each additional invention to be examined (34 CFR 1.129(b))		
Other fee (specify)				
Other fee (specify)				
* Reduced by Basic Filing Fee Paid			SUBTOTAL (3)	(\$ 0)

\* Reduced by Basic Filing Fee Paid

(\$ 0)